



PUBLIC HEALTH

in Southend on Sea

1973

**The Annual Report of the Medical Officer of Health
for the County Borough of Southend on Sea**

ANNUAL REPORT 1973

COUNTY BOROUGH OF SOUTHEND-ON-SEA

HEALTH COMMITTEE

1973 - 74

Ex-Officio

His Worship the Mayor - Alderman G. Baum

Leader of the Council - Alderman N. Harris, B. Sc.

Chairman:

Alderman Mrs. V.E. Smith, J.P.

Vice Chairman:

Alderman Mrs. M.M.C. Bullock-Jarman

Members:

| | |
|------------|-------------------|
| Alderman | R.E.J. Thomas |
| Councillor | W.F. Bowyer |
| " | Mrs. S.V. D'Ath |
| " | V.H. Gee |
| " | Mrs. N.I. Goodman |
| " | W.R. Lewis |
| " | E.W.J. Lockhart |
| " | G.A. Hurst |
| " | Mrs. M.D.J. Myers |
| " | L.A. Woodward |

Co-opted

| | |
|--------------------------------|---|
| M. Jefferies, A.B.I.M., A.H.A. | Southend-on-Sea Group Hosp. Management Committee |
| Mrs. C.J. Raynham | Southend-on-Sea Local Executive Council |
| Dr. F. Emery | Southend-on-Sea Local Medical Committee |

Telephone: Southend 49451

ANNUAL REPORT

I have the honour to present this, the last Annual report of the Medical Officer of Health of the County Borough of Southend-on-Sea which enshrines the work and aspirations of all the members of the Health Department.

1973 has been characterized by the activity engendered to implement the changes foreshadowed by the legislation for reorganisation of Local Government and the National Health Service on 1st April 1974. A new Management structure has been created in shadow form for the National Health Service; Preventative Medicine and Curative Medicine will come under the same administrative arrangements and hopefully will work more closely together for the benefit of all patients.

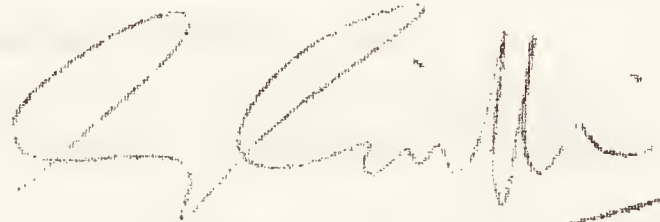
1893 was the year of the first Annual Report of the Medical Officer of Health which I have in my possession, the population of the Borough was then 13,603. That year the Health Committee closed five private surface wells when their water, on analysis, proved to be unfit for drinking or domestic purposes and they were very concerned about the inadequate sewerage system of the rapidly growing town. There was an Infant Mortality Rate of 114, a Death Rate of 14.5 and a Birth Rate of 29 against 1973 figures of Infant Mortality Rate of 23, Death Rate of 9.5 and Birth Rate of 11.6 in a present day population of 162,190.

1893 saw 151 cases of typhoid, 6 cases of smallpox and "a certain amount" of diphtheria. All these illnesses were absent in the Borough in 1973, but we now have illnesses of affluence and over indulgence, such as coronary heart disease and lung cancer, rather than the infectious diseases whose spread was largely controlled by improving the general environment and ensuring pure water and efficient sewerage. Our "New" epidemics pose a challenge to the reorganised health services and all workers for the Public Health will hope to successfully meet that challenge in the future in the new organisation.

It is in some ways sad to say goodbye to the familiar methods of working, to the members of the Local Authority, and to the professional colleagues who will still work in the Local Authority controlling the Environmental Health Services, but the opportunities for improvement under the reorganised Health Service must be grasped and fully exploited.

1974 will see the end of the Agency agreement between the St. John Ambulance Brigade and this Local Health Authority, whereby the Emergency and Accident Ambulance Service has been provided by the Brigade for the population of Southend. It is pleasant to record that the County Borough have given a First Aid Station to the Brigade to be situated near the pier to mark the long and beneficial association between the Brigade and the County Borough.

I would like to take this opportunity of thanking all those who have contributed to this report and those who have assisted the Authority in their work, particularly the Hospital Management Committee, the Executive Council, St. John Ambulance Brigade and all the voluntary organisations, without whose help the Department's work would be so less effective. I am indebted to my colleagues, the Chief Officers of the Corporation and their staff for the assistance they have so willingly given throughout this final year.



Medical Officer of Health

STAFF OF THE PUBLIC HEALTH DEPARTMENT (AT 31.12.1973)

Medical Officer of Health:

G.V. Griffin, M.B., B.S., D.P.H., M.F.C.M.

Deputy Medical Officer of Health:

M.R. Mellor, M.B., Ch.B., L.R.C.P., D.P.H., M.F.C.M.

Senior Medical Officers:

Isabelle B. Barrie, M.B., Ch.B., D.R.C.O.G., D.P.H., M.F.C.M.

M.S. Adams, M.B., B.S., M.R.C.S., M.R.C.P.

Senior Medical Officer in Department:

Aida Ghabrial, M.B., B.Ch., D.C.H., L.M.S.S.A.

Medical Officers in Department:

J. Greenhalgh, M.B., B.S., M.R.C.S., L.R.C.P., D.A.

E.G. O'Sullivan, L.R.C.P. & S.I., L.M.

Part Time Medical Staff: 5

Principal Dental Officer:

J. Stratford, L.D.S., D.D.P.H., R.C.S.

Chief Public Health Inspector:

E.A. Ellis, M.R.S.H., M.A.P.H.I.

Deputy Chief Public Health Inspector:

J.K. Blakely, M.A.P.H.I., Cert. R.S.H.

Public Health Inspectors: 10

Student Public Health Inspectors: 3

Director of Nursing Services:

Miss D. Heaton, S.R.N., S.C.M., H.V. Cert., Q.N.

Area Nursing Officer (Health Visiting and Midwifery):

Mrs. M.D. Gower, S.R.N., H.V.

Area Nursing Officer (Home Nursing):

Miss F.L. Blackburn, S.R.N., S.C.M., H.V. Cert.

Nursing Officers: 4

Health Visitors: 17 whole-time 8 part-time

Student Health Visitors: 4

Tuberculosis Visitor: 1

Midwives: 12

Home Nurses: 37 whole-time 5 part-time

Chiropody Staff: 1 whole-time

Administrative Staff:

Health Services Administrator R.W.G. Whitmore, F.H.A.,
A.C.I.S.

Chief Administrative Assistant S.F. Jupp

Senior Administrative Assistant Miss A.M. Roberts

Administrative Assistants Mrs. K.E. Deck
D. Jenkins
Mrs. G. Knight
R.A. Snazell

Administrative & Clerical Staff: 37

METEOROLOGICAL REPORT 1973

1973 was an improved year weatherwise at Southend-on-Sea for outdoor leisure pursuits with the highest amount of sunshine recorded since 1961. Mean shade temperature and sunny days were also above the average, whilst rainfall, the number of rainy days, snowdays and fog days were below average.

The beginning of the year was better than normally expected with only small falls of snow on five occasions during the first four months. Increased sunshine especially in February and March and less fog helped to "shorten" the winter.

April will be remembered for the strong cold winds, but warmer days were experienced from mid-May. June had the most sunshine for the month since 1951, whilst August had the least rain since the war.

The fine weather continued through September, breaking up in October. Whilst more sunshine occurred at the beginning of November, low temperatures were experienced at the end of the month together with a fall of snow. The cold weather gave way to average temperatures for the majority of December.

In all, an improved year.

| | | | | | |
|--------------------------------------|-------------------|-----------------------|-------------------|---------------|--------------------|
| Total Sunshine for the Year | Sunniest Month | Days with Sunshine | Total Rainfall | Mean Temp. | Prevailing Wind |
| 1,695.2 | June | 297 | 393.0 mm. | 10.6°C | S.W. |

I thank Mr. Gayner, the Director of Amenities, for supplying the above report and allowing it to be reproduced here.

THE WORK OF THE DEPARTMENT

PUBLIC HEALTH ACTS 1936-68
NATIONAL HEALTH SERVICE ACTS 1946-52

SECTION 21 - HEALTH CENTRES

The year under review was a very busy one in work on the two Health Centres, the first the Central Health Centre at Milton Street and the second, the Health Centre at Kent Elms.

Central Health Centre, Milton Street

As mentioned in my last report the project received the Ministerial blessing in February 1973 and work commenced on site during the Summer of 1973. Reasonable progress was maintained although due to shortage of materials I understand that at the time of writing there is a likely delay in completion.

Nevertheless, work has started and the construction of the underground car park is well ahead and it is to be hoped that the steady progress so far achieved can be continued.

Kent Elms Health Centre

Again, work started on this project in the early Autumn and it is very pleasing to note that a steady progress again has been maintained. This particular project is rather more difficult for various reasons than the Central Health Centre, mainly because the building is being constructed over an existing Clinic which is being used for normal clinical purposes whilst building is going on. However, disturbance is being kept at a minimum and here again, it is hoped that this progress can be maintained.

No further progress was made during the year on the proposed Health Centre in the Leigh area.

SECTION 22 - CARE OF MOTHERS AND YOUNG CHILDREN

As in 1972 there has been a reduction in the numbers of infants attending the Infant Welfare Clinics; this can be for two reasons:-

- (a) the decline in the birth-rate
- (b) more children are attending General Practitioner Infant Welfare Clinics where their Health Visitor is in attendance.

An interesting table indicates the numbers attending the G.P. Clinics and Local Authority Clinics:

| Attendances at Local Authority and G.P. Infant Welfare Clinics | | | |
|--|--------|--------|--------|
| | G.P.'s | L.A. | Total |
| Number of sessions held | 178 | 785 | 963 |
| Number attending: | | | |
| Born 1973 | 209 | 1,437 | 1,646 |
| Born 1972 | 164 | 1,392 | 1,556 |
| Born 1968 - 1971 | 92 | 610 | 702 |
| Total attendances: | | | |
| Born 1973 | 1,291 | 12,280 | 13,571 |
| Born 1972 | 841 | 8,788 | 9,629 |
| Born 1968 - 1971 | 368 | 2,198 | 2,566 |
| Number of children aged 1 - 5 who had routine medical examinations | 113 | 898 | 1,011 |

Because of the increased attendance at Shoeburyness Health Centre it was agreed in July to hold two sessions per week.

The noted increase was undoubtedly due to the new housing estates built in that area.

Clinics continue to be held at the following centres:-

| | |
|--|--|
| Municipal Health Centre, Porters Grange Avenue | - Mondays, Tuesdays, Thursdays and Fridays |
| Leigh Clinic, Burnham Road | - Mondays and 2nd and 4th Thursdays |
| Westcliff Clinic, 415 Westborough Road | - Tuesdays and Fridays |
| Kent Elms Clinic, Rayleigh Road | - Wednesdays and Fridays Health Visitors Clinic Medical Officer attends 1st, 3rd and 5th Fridays in each month |
| Blenheim Clinic, St. James' Church Hall | - Alternate Wednesdays Health Visitors Clinic |
| Earls Hall Clinic, Earls Hall Baptist Church | - Tuesdays Medical Officer attends 3rd Tuesday in each month |
| North Avenue Clinic, Ferndale Road Baptist Church | - Thursdays Health Visitors Clinic |
| Thorpedene Clinic, Maplin Way | - Wednesday and Fridays Medical Officer attends 2nd and 4th Fridays in each month |
| Shoeburyness Health Centre, Campfield Road | - Tuesdays and Thursdays Medical Officer attends 1st Tuesday each month |

Welfare and Other Foods

The distribution of National Dried Milk and vitamins at Clinics and by certain retailers continues. The sales of other proprietary brands of food and orange juice still progresses.

In January 1973 the Maternity Unit at Rochford Hospital began to use a special preparation of Cow and Gate; because of this action the sales of Cow and Gate increased and the sales of National Dried Milk decreased.

| | <u>1973</u> | <u>1972</u> |
|---------------------|-------------|-------------|
| National Dried Milk | 6,079 | 11,064 |
| Other brands | 14,355 | 12,695 |

Orange juice and vitamins - Sales of orange juice are within average, as in previous years, 4,662 bottles being sold. The number of children's vitamin drops slightly increased during 1973 - 5,267 against 4,887 the previous year.

Vitamins A, C and D are still issued, the number slightly increasing in last year to 1,553 - an increase of 260.

Ante-natal Clinics

These continue to be held at:-

| | |
|-------------------------|--|
| Municipal Health Centre | - Tuesdays, Thursdays and Fridays at 9.15 a.m. |
| Leigh Clinic | - 1st, 3rd and 5th Thursdays at 2 p.m. |
| Kent Elms Clinic | - Tuesdays at 2 p.m. |
| Westcliff Clinic | - Wednesdays at 9 a.m. and 2 p.m. |
| Thorpedene Clinic | - Mondays at 2 p.m. |

The number of individual mothers attending was 2,095. The slightly lesser number this year indicated a reduction in the birth-rate. There was, however, a slight increase in attendances - 7,519 in 1973 and 7,376 in 1972.

The total number of sessions at all Clinics was 384.

Post-natal Clinics

These are mainly held at the same time as the ante-natal clinics. As more mother are attending their own G.P. for this examination, the number of individual mothers dropped, likewise the total attendance was less.

| | |
|--------------------|-------|
| Individual mothers | - 643 |
| Total attendances | - 697 |

Relaxation and Mothercraft Classes

These classes are very much enjoyed and well attended. A total of 636 mothers made 3,836 attendances at 304 sessions. This record number is a tribute to the enthusiasm and expertise of the Physiotherapists, Health Visitors and Midwives.

Hospital Maternity Services Liaison Committee

This Committee, under the Chairmanship of Mr. W. Keith Sutton, F.R.C.O.G., continued to meet. Its deliberations on all aspects of the maternity services were as helpful as ever to all those concerned.

Congenital Malformations

Notification by the Maternity Unit at Rochford Hospital and by domiciliary Midwives of congenital defects found at birth, which is complete and satisfactory, is confirmed by subsequent enquiry at a later date and a periodic report is sent to the General Register Office. In appropriate cases, the child's name is placed on the Observation Register for periodic follow-up.

Maternal Mortality

There were no maternal deaths recorded during the year 1973. Thus the total since 1957 remains at 9.

Stillbirths and Infant Mortality

The number of stillbirths during the year (19) gives a ratio of 9 per 1,000 total births. (1972 ratio was 15 per 1,000 total births).

The number of infant deaths, i.e. under 1 year was 22, giving a ratio of 10.5 per 1,000 live births. Of these 22 who died in the first year, 16 died within the first week of life and a further 2 within 4 weeks of birth.

Combining the stillbirth figure with figures for deaths within the first month of living gives a peri-natal mortality rate of 17 per 1,000 total births.

Blood Examinations

Routine examination is undertaken for A.B.O. and Rh. grouping, Rh antibodies and haemoglobin. The V.D.R.L. test (approximating to the Wassermann Reaction Test) is also made. There were no positive reactions in the 1,236 tests.

REPORT OF THE PRINCIPAL DENTAL OFFICER

Pre-School

Unfortunately due to severe staff shortage this year it has not been possible to visit the Nursery Schools and Play Groups in the Borough.

This has caused me regret that this valuable service, once started, could not have been built on. The Nursery Groups visited last year showed great interest in dental care of children and asked advice about mid-morning snacks. It was gratifying to see that the School Supervisors realised we were genuinely interested in children's welfare and trying to prevent the necessity for extensive dental treatment, rather than just looking for patients.

Here is a very fertile ground for an epidemiological survey to find the numbers in the various age groups, the extent of dental disease, the demand for treatment, the facilities available to deliver that service and the necessary finance required.

Though all our staff problems, I am however, glad to report that we have been able to maintain our recall system for those children who elect to have their treatment carried out by the Local Authority Dental Service as well as giving treatment to all those who request it.

| Year | Total Visits | Teeth Filled | Teeth Extracted | Emergencies | First Inspection | Requiring Treatment |
|------|--------------|--------------|-----------------|-------------|------------------|---------------------|
| 1972 | 114 | 123 | 142 | 10 | 435 | 159 |
| 1973 | 102 | 94 | 31 | 14 | 176 | 84 |

Maternity Service

The demand from this group of patients still seems to be on the decline but however, we are fortunate in having a good General Dentist Practitioner Service in Southend.

Treatment is offered to all who seek it.

I am grateful to the staff of the Ante-Natal Clinics for their interest in this valuable aspect of general health and referring patients to the Dental Service.

Here again this is where a lot of effort in Dental Health Education would reap such rewards in improving the quality of life for children growing up in our community.

One hopes that the re-organised National Health Service will be able to divert sufficient staff to this aspect of Dental Health Education to bring benefits to both mothers and children.

| Year | Total Visits | Teeth Filled | Teeth Extracted | Emer- gencies | Dentures Supplied | First Inspection | Requi- ring Treatment |
|------|-----------------|-----------------|--------------------|------------------|----------------------|---------------------|-----------------------------|
| 1972 | 35 | 31 | 15 | 3 | 2 | 20 | 18 |
| 1973 | 17 | 17 | 3 | 1 | - | 17 | 14 |

DISTRICT NURSING, MIDWIFERY AND HEALTH VISITING

Miss D. Heaton, S.R.N., S.C.M., H.V., Q.N.S., Director of Nursing Services, reports:

Following the implementation of the Mayston structure in 1972 very few changes were made during 1973.

SECTION 23 - MIDWIFERY SERVICE

The pattern of midwifery did not change much. Unfortunately Miss V.F. Dermott, who had been with the Authority for 15 years, had to retire prematurely because of ill-health and Miss Herbert left to take up another appointment. We were fortunate in recruiting two Midwives to replace them and also fill the long-standing vacancy.

The year ended with a total of twelve Midwives.

The pre-packed sterilised delivery bags are fully appreciated by their users and the pocket radios are undoubtedly the best means of communication.

Once again many Midwives from other countries have visited the Department, also Midwives from the statutory refresher course which is held in Westcliff-on-Sea twice a year.

We continue to train student Midwives and all were successful in passing their examinations. The students from the obstetric course, held at Rochford Hospital, also came into the community for observation visits.

One Midwife attended a statutory refresher course.

One Midwife attended a first line management course at Oaklea, Buckhurst Hill, Essex, this being arranged by the North East Metropolitan Regional Hospital Board.

| | | |
|---|-------|--------|
| Cases delivered | | 314 |
| Nursing visits | | 14,481 |
| Elective early discharges | | 1,120 |
| Ante-natal visits | | 4,948 |
| Number of times Trilene was administered | | 186 |
| Pethedine given to mothers in labour | | 48 |
| Pethilorfan given to mothers in labour | | 175 |
| Guthrie tests taken | | 1,191 |
| Midwives attendances at Clinics | | 634 |

SECTION 24 - HEALTH VISITING

Staff

The Health Educator, Miss P. Staunton, left the Department in September to take health visitor tutor training in Bolton. We have not been fortunate in finding a replacement for her.

Two Health Visitors left for domestic reasons; one new appointment was made. A student trained in Kent joined the staff immediately prior to the completion of her training. Five Health Visitor students completed their training and were successful in their examinations.

Four students are at present undertaking training.

Present staff: -

18 Full-time . 5 Part-time

G.P. Attachments

Progress has been continued regarding attachment of Health Visitors to groups of Doctors. There are now 16 Health Visitors attached to General Practitioner groups. These appear to be functioning satisfactorily and facilitating communications, thus improving patient care.

Health Education

All types of health education projects - lectures, discussion groups, etc., continue to deal with the needs and demands as they arise. A number of Health Visitors are taking groups in schools and giving talks to various clubs.

Relaxation and mothercraft classes are increasing with the Health Visitor and Midwife working together.

This service has been extended to include husbands during the course for informal discussion and film showings.

School Nursing

The School Nurses have continued to cover their usual range of work which has increased owing to the raising of the school leaving age.

Management Courses

Mrs. Gower - Area Nursing Officer, attended a Middle Management Course at Aston University. Miss Reeves, Nursing Officer, attended a similar course in Bristol.

Three Health Visitors attended first line management courses.

Two Health Visitors attended the usual statutory refresher courses.

SECTION 25-- HOME NURSING

With all District Nurses attached to General Practitioner practices, and many more patients discharged home early from hospital, it is natural that the new cases and visits should show a considerable increase. One interesting point is the marked decline of tuberculosis cases. Treatments at the doctors' surgeries showed an increase, as many more injections, such as influenza vaccination and others were given. Ear syringing is done by District Nurses, prior to attachment this treatment was carried out by the Doctors themselves, or by a Nurse they employed.

| | |
|--------------------------------------|---------|
| New cases | 8,015 |
| Visits paid | 133,986 |
| Visits to over 65's | 88,165 |
| Visits to under 5's | 238 |
| Treatments at Doctors' surgeries.... | 9,748 |

The nursing establishment was increased by five.

Five nurses resigned and ten new appointments were made.

Three Nurses undertook District Nurse training, with success, and four were still undertaking training at the end of the year.

The Bathing Aides continue to provide a good service to the elderly or infirm. Recruitment was increased and 21 part-time Aides are now employed.

As in previous years, the Marie Curie Night Nursing Service has proved invaluable with an increase of patients attended - 71 against 27 during 1972. Eight nurses are employed.

We commenced our own Night Nursing Service, recruiting S.R.N.'s and S.E.N.'s. This has proved most successful and since its inception in July, 30 patients have been nursed. Eight nurses are employed.

Roche Close - Mrs. Wimbleton, S.R.N. retired from Roche Close in July after several years' service. As the number of inmates in that establishment is reducing, it was considered that a part-time Nurse would be sufficient. Mrs. Reeves, S.R.N. was appointed.

Incontinence pads - as in previous years the demand has increased, the number used being 50,000.

Pocket radios are well-used and much appreciated. We have obtained another twelve.

For the third year in succession we had a Nurse who had given 21 years' service to District Nursing. Miss Sheila Cossham received her long service badge which was presented by the Duchess of Gloucester at the Mansion House in London, in November.

Students from local hospitals regularly came into the community for visits of observation.

During 1973 we held the first community option course; four 2nd-year students from the local hospitals spent 12 weeks in the community, visiting schools and clinics, and spending time with District Nurses, Midwives and Health Visitors, having talks from Doctors and Nursing Officers and doing test papers. The final four weeks were spent on practical work under supervision. A worthwhile experience which is to be repeated during 1974.

Management Courses and Conferences

Miss Heaton attended the following:-

A three week integrated course at Leeds University in January,
The Marie Curie one day symposium in London, in May,
The C.S.S.D. Conference in November at Hastings, for two days.

Miss Heaton and Miss Blackburn attended the Annual General Meeting of the Queen's Institute of District Nursing in London, in November.

Miss Blackburn attended a three-day appraisal course at Cardiff in April.

Mrs. Clarke and Mrs. Robinson, Nursing Officers, attended a two week Lower Middle Management Course arranged by the Queen's Institute, in London and Bristol.

Two Nurses attended first line management courses at Oaklea, Buckhurst Hill, Essex, arranged by the North East Metropolitan Regional Hospital Board.

Two Nurses attended a course for practical work instructors at Newham.

In September a two week In Service Refresher Course was organised for all nursing staff of the Health Department. This course was well attended and appreciated.

Shoeburyness Health Centre

Under the efficient control of Miss O'Connell this Centre is proving a worthwhile department. The Doctors appreciate the work of the Nurses who work in the treatment room - these girls carried out 4,120 treatments to 1,884 cases.

C.S.S.D.

The work carried out in this Department is becoming essential to the District Nurses and Midwives. All Midwives are supplied with pre-packed sterile delivery bags, suture removal packs and E.E.D. packs. Since early in 1973 all District Nurses were supplied with and use pre-packed sterile dressing packs. There are 3,600 available. Strict control is kept on the issuing and returning of these packs. Because of the increase of nursing staff and patients discharged early from hospital more packs were needed and a part-time ancillary worker was appointed to assist with the packing.

Miss O'Connell attended the C.S.S.D. Conference in Hastings, in November.

Liaison Officer

For two years the Borough has shared with S.E. Essex the services of a Liaison Officer between hospital and community. In November we appointed our own Liaison Officer, who will take up duty on 1st January 1974.

SECTION 26-- VACCINATION AND IMMUNISATION

Sessions at the Municipal Health Centre and at the peripheral Clinics continued as in the previous year.

There was again an overall reduction of 8% in the number of Primary courses of immunisation (other than against rubella) completed, virtually solely due to decreased attendances at the Council's Clinics. Allowing for a 5.8% reduction in the number of live births, it becomes

apparent that, slowly, the attachments of health visitors to general practitioners' surgeries is decreasing the attractiveness of Local Authority immunisation clinics where a mother will see a nurse other than her own health visitor.

Reinforcing doses fell from 6,359 to 5,805, a reduction of 8.7%. Those given at the clinics, in contrast to last year, fell by 519 and those by general practitioners, less alarmingly, by 35 doses.

The apparent large decrease (from 928 to 61) in the number of vaccinations against rubella was caused by an alteration (from the Autumn term to the Spring term) in the timing of our visits to secondary schools where protection is offered to girls in their 12th year.

Primary vaccinations against smallpox of children under 15 continued to decline - 391 compared with 498 in 1972. Re-vaccinations, however, rose from 192 to 691, due no doubt, to travelling requirements arising from the declaration in April of London as a Smallpox Infected Area.

Vaccination of Travellers Proceeding Abroad

Protection against cholera, typhoid, tetanus, yellow fever and smallpox continued to be available. In all, 2,551 vaccinations were performed, 1,253 of these against smallpox - double the number given in 1972. Other vaccinations rose by a third.

In June, arising out of our experiences during the London episode, it was decided to limit clinic vaccinations against smallpox to bona fide travellers visiting an area of the world where smallpox is endemic or a country where a smallpox eradication programme is in progress. All other persons requesting vaccination were referred to their general practitioners for advice.

SECTION 27 - AMBULANCE SERVICE

For the purposes of comparison the form of tables appended to this section of the report has not been changed.

In spite of the industrial disputes which affected British Rail and various Ambulance Services during the year, and the threat of fuel rationing, mileage increased by 0.57% and patients by 3.47%.

Only one helicopter journey was necessary, at a cost of £289.30p.

The Department of Health and Social Security have not yet issued their Ambulance Cost Statement for the year ended 31st March 1973, and, therefore, it is not possible to compare Southend's costs with those of other Local Authorities as in previous years.

SECTION 28 - PREVENTION OF ILLNESS, CARE AND AFTER-CARE ... TUBERCULOSIS

Dr. E.G. Sita-Lumsden reports that 201 new contacts were examined at the Chest Clinic during the year, representing a substantial reduction on the previous year when 483 contacts were seen. None of the new contacts was found to be suffering from tuberculosis. Contacts of patients made 428 attendances.

There were 20 households in the Borough in which an individual was known to be excreting mycobacterium tuberculosis at some time during the year.

- (a) 13 were positive for the first time
- (b) 6 were relapsed patients known to have been positive in the past
- (c) 1 was a known positive case.

The responses were:-

- (a) 9 were rendered sputum negative; 1 remained positive and 3 died
- (b) 6 were rendered sputum negative
- (c) 1 was rendered sputum negative.

Demands on the Home Nursing Service for home treatment of tuberculosis patients continued to decline. This year only 7 patients were involved; 417 home nursing visits were paid to them. A daily issue of one pint of milk was made to 4 patients, 1 fewer than in 1972: 978 visits were paid by Mrs. C. Wilson, Tuberculosis Health Visitor, who also made 672 visits to patients with other chest diseases and attended an average of 5 sessions at the Clinic each month.

Tuberculosis After-Care Committee

This Committee, which is composed of members nominated by the Health Committee and by the Southend-on-Sea and District Guild of Help, continued to meet through the year and give financial assistance to a small number of cases.

In June 1973 a proposal was put to me by the new Secretary of the Southend-on-Sea Guild of Help, Mr. Colin George, that the needs of the patients would possibly be better served if the monies held by the Guild on behalf of the Tuberculosis After-Care Committee were incorporated into an Exceptional Needs Account of the Guild of Help. I had his assurance that any would-be applicants to the Tuberculosis After-Care Committee would receive the utmost consideration. Mr. George's proposal was that a sub-committee of the Guild should be set up consisting of the Chairman and two members, together with the General Secretary and the Assistant Secretary to administer the Exceptional Needs Account and in urgent cases the Chairman would have to act. The full General Committee would receive reports of the sub-committee's work.

I reported on this proposal to the meeting of the Health Committee held in September 1973 and the Committee agreed that the Tuberculosis After-Care Committee be dissolved and that its functions and funds be transferred to the Exceptional Needs Committee of the Southend-on-Sea and District Guild of Help.

I would not like the demise of this Committee to pass without the highest possible tribute being paid to the sterling work which has been done over many years by the Committee. Though of late the number of cases, thankfully, have been greatly diminishing, at the inception of the Health Service in 1948, the amount of "business" dealt with by the After-Care Committee was very great indeed. I am sure it is true to say that the work of this Committee over many years has been instrumental in alleviating some of the hardships of unfortunate patients who have suffered from tuberculosis.

It is, therefore, with great pleasure that I pay the highest possible tribute to the Secretaries of the Committee and to the various members who have done such excellent work over the years and also I would like to thank the Southend-on-Sea Civic Guild of Help for administering the Committee so ably in the past. Thanks to the great advances in medical science and techniques the work of the Committee has diminished to such a very small amount. This indeed is progress which it is very gratifying to be able to report.

B.C.G. Vaccination

Contacts

A total of 48 children and close relatives of patients suffering from tuberculosis were vaccinated with B.C.G. by the hospital service, 14 more than in 1972.

School Children

As stated in last year's annual report, Heaf testing is now offered in year 3 only in secondary schools and negative and grade 1 reactors are vaccinated. This is the first year that we have vaccinated grade 1 reactors but this change, which is advised by the Department of Health and Social Security, was becoming more and more apparent over the years through research and note has been made in previous Annual Reports about this.

One further change in the routine was made during the year. For some years children who had been previously vaccinated or thought to have been previously vaccinated who gave a negative result to the Heaf test at school, were subsequently tested with a Mantoux 1:100 solution. The acceptance rate for the Mantoux testing had fallen so low that we decided the best procedure would be simply to vaccinate and omit the Mantoux testing.

There was a slight reduction in the acceptance rate - from 95.3% in 1972 to 94.2% this year. The natural positive rate also fell by 0.41%. Subsequent to the skin test, X-ray examination was arranged for Grade 2, 3 and 4 reactors, a facility also extended to the families of the two latter groups. In all cases the results were satisfactory.

Of pupils who had been vaccinated with B.C.G., 107 showed a Grade 1 reaction and 16 a Grade 2 reaction.

Pupils from three private schools were included in the B.C.G. vaccination scheme; 58 were tested, none of whom gave a natural positive reaction. Of this school population 8.6% had already been vaccinated with B.C.G.

Chiropody Service

The scheme for the treatment of patients by chiropodists in their own surgeries continued. The waiting time for new patients is 6/8 weeks.

The chiropodists taking part in the scheme as at 31st December 1973 were:-

Mr. W.A. Allaway, L.Ch., 716 Southchurch Road, Southend-on-Sea
Mr. J. Hyams, M.Ch.S., 106 Valkyrie Road, Westcliff-on-Sea
Mr. L.J. Moore, L.Ch., 7 Alexandra Street, Southend-on-Sea

Mrs. S. Smith, M.Ch.S., 6¹/₄ Snakes Lane, Southend-on-Sea
 Mr. J.C. Taylor, M.Ch.S., 9 East Street, Prittlewell,
 Southend-on-Sea
 Mr. A.E.B. Gauden, M.Ch.S., 6 Elmer Avenue, Southend-on-Sea
 Mr. J.E. Young, M.Ch.S., Domiciliary only
 Mr. P.P. Samuels, M.C.S.P., S.R.P., M.Ch.S., S.R.Ch.,
 233a Southbourne Grove, Westcliff-on-Sea
 Mr. R.H. Reid, M.Ch.S., Shoeburyness Health Centre
 (Home address - 11 Burges Close, Thorpe Bay)

| | <u>Clinic/Surgery</u> | <u>Domiciliary</u> | <u>Total</u> |
|-------------------------------|-----------------------|--------------------|--------------|
| No. of treatments given | 7,514 | 2,505 | 10,019 |
| No. of persons treated | 1,816 | 985 | 2,801 |

Illness Generally

Home Nursing Requisites

Requisites most commonly in demand are supplied on loan by the local division of the St. John Ambulance Brigade, to which the Council make a grant of £100 each year towards the cost of the equipment.

The details of equipment loaned have been given to me by Superintendent Harris and will be found in table form at the back of the report.

Cervical Cytology

Once more it was noted that the clinics were kept busy by women who had had a test five years previously and who were anxious to have a repeat test. In June an additional clinic was opened to help reduce the waiting list. By the end of the year there were 550 women on the waiting list for a five year repeat test, but there was no waiting list for women who were applying for a test for the first time.

| <u>First attendance</u> | <u>Repeats</u> | <u>Failed to attend</u> |
|-------------------------|----------------|-------------------------|
| 1,337 | 186 | 439 |

By the end of the year five clinics per month were being held at Westborough Road Clinic and one clinic per month at Thorpedene Clinic. Two doctors attend each clinic.

Again it is to be noted that although these are well-women clinics, many of the women attending required medical advice, and in some cases referral to their general practitioner for treatment and follow-up of a variety of conditions.

NATIONAL HEALTH SERVICE ACT 1946 PART IV
GENERAL MEDICAL AND DENTAL SERVICES
PHARMACEUTICAL SERVICES AND GENERAL OPHTHALMIC SERVICES

EXECUTIVE COUNCIL

The services provided under Part IV of the National Health Service Act 1946 are controlled by the Local Executive Council, a body appointed by the Secretary of State, Department of Health and Social Security. Certain members of the Council serve on it, and there is a very pleasant relationship between these bodies.

Medical List

On the 31st December 1973, the names of 89 Doctors were included on the Executive Council's Medical List as set out below:-

| | |
|---|-------|
| (a) Principals for whom this Council is responsible | 72 |
| (b) Principals for whom other Councils are responsible | 17 |
| (c) Principals with limited lists for whom this Council is responsible | - |
| | <hr/> |
| | 89 |
| | <hr/> |
| (d) Principals providing Maternity Medical Services for whom this Council is responsible | 61 |
| (e) Principals providing Maternity Medical Services for whom other Councils are responsible | 7 |
| | <hr/> |
| | 68 |
| | <hr/> |

Classification of Practice Areas

The Council's practice areas with their classification are as follows:-

| <u>Practice Area</u> | <u>Classification</u> |
|--------------------------------|-----------------------|
| Southend-on-Sea and Thorpe Bay | Open |
| Westcliff-on-Sea | Open |
| Leigh-on-Sea and Eastwood | Intermediate |
| Shoeburyness | Open |

Persons on Doctors Lists

The estimated population of the County Borough of Southend-on-Sea on the 1st July 1973 was 162,190 compared with 163,380 on 1st July 1972. The number of persons registered with Medical Practitioners at 1st April 1973 was 169,958 as compared with 171,760 the previous year.

Pharmaceutical List

On 31st March 1973 the number of Chemist Contractors included in the Council's Pharmaceutical List were as follows:-

| | |
|---------------------|-------|
| Pharmacies | 41 |
| Appliance Suppliers | 13 |
| | <hr/> |
| | 54 |
| | <hr/> |

Dental List

On 31st December 1973 the names of 46 dental practitioners were included in the Council's Dental List for the purpose of providing general dental services under the National Health Service.

Replacement of Dental Appliances

Applications from 19 persons for the replacement of dental appliances were considered. The decision taken and the amount payable by the patients and by the Council were as follows:-

| | <u>Number of Cases</u> |
|---|------------------------|
| (a) Whole cost to be borne by Council | 13 |
| (b) Whole cost to be borne by patient | - |
| (c) Part of the cost to be borne by patient | 6 |
| | <hr/> |
| | 19 |
| | <hr/> |

Ophthalmic List

On 31st December 1973 the following were included in the Council's Ophthalmic List:-

| | |
|----------------------------------|----|
| Ophthalmic Medical Practitioners | 8 |
| Ophthalmic Opticians | 22 |
| Dispensing Opticians | 10 |

Sight Tests

The number of sight tests paid for over the last two years was 33,549.

INFECTIOUS DISEASES

There was no major outbreak of epidemic disease during this year. During the winter months, as is now quite usual, certain schools suffered outbreaks of winter vomiting disease. This is a virus disease for which there is no specific treatment, prevention of spread being attained through increased ventilation and precise personal hygiene within schools and homes. Public Health Inspectors were widely involved.

It is pleasing to note that only seven cases of whooping cough were notified maintaining the low figure of last year (four in the last ten years). Over the previous ten years never less than 50 cases were notified and in some years almost 200.

Rather disappointing is the increase in the number of cases of measles - 767 against 270 last year. We were due for a peak year and maybe this is the cause of the increase. Considering that we have been vaccinating against measles from 1968, the measles vaccination campaign does not come up to expectations, but Southend is no different from the national findings. All efforts continue to be made to encourage people to accept vaccination, and Southend's rate of acceptance is above the average of figures quoted nationally by the Department of Health and Social Security.

Smallpox was notified in London in April, there being two deaths amongst contacts. The origin was a laboratory worker accidentally inoculated. Considerable work was involved because Southend residents in quite large numbers were contacts through the place of work in Basildon. From 10th March to 13th May we were involved in advice, vaccination, contact tracing and dealing with patients who reacted to vaccination (three were admitted with eczema vaccinatum). Towards the end of the period, no doubt due to increased awareness of airport and seaport staff, three "scare cases" increased the volume of work. Extra clinics were run during the period because overseas countries were requiring current international certificates from British travellers, often despite the fact that they had never been in the officially designated infected area.

Cholera - outbreaks occurred in 1973 in Tunisia and Italy. Such outbreaks, particularly at holiday times, cause a heavy load to fall on medical officers, nurses and airport administrative staff, since international certificates are required for travellers to those countries.

Tuberculosis

Dr. E.G. Sita-Lumsden, the Consultant Physician, and the staff of the Chest Clinic at Southend Hospital have been kind enough to furnish much of the information presented in this section.

Notifications:

(a) Respiratory

Persons notified totalled 15 of whom 10 males and 2 females were Southend residents. Primary notifications, at 12, were 9 fewer than in the previous year and the lowest number ever recorded. Only 13 years ago - in 1960 - 69 primary notifications were recorded and this represented marked improvement over the number notified. 13 years previously (in 1947) when 233 persons were notified, there were 3 inward transfers, 2 fewer than in the previous year, and 1 posthumous notification, a male aged 73 years.

(b) Non-Respiratory

Notifications occurred in 3 men and 1 woman, all of whom were Southend residents. The sites of disease were as follows:-

| | <u>Male</u> | <u>Female</u> |
|----------------|-------------|---------------|
| Kidney | 2 | - |
| Epididymis | 1 | - |
| Cervical Gland | - | 1 |

Deaths

Provisional figures show 4 deaths from respiratory disease, 3 males and 1 female. No deaths from non-respiratory conditions were recorded.

Chest Clinic Register:

The number of notified cases on the clinic register on 31st December 1973 was 509, less than half the number so registered in 1949 when a peak of 1,096 patients was reached.

Venereal Diseases

Dr. R. Spitzer, Consultant Venereologist, has been most helpful and once more supplied the statistics relating to work carried out at the hospital clinics.

| New Cases | <u>1966</u> | <u>1967</u> | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1972</u> | <u>1973</u> |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Syphilis (Southend) | 6 | 6 | 7 | 8 | 8 | 4 | 3 | 6 |
| Gonorrhoea (Southend) | 77 | 92 | 56 | 98 | 130 | 56 | 104 | 119 |
| Total Attendances (Southend and Essex) | 2284 | 2565 | 2350 | 3111 | 3192 | 4408 | 6120 | 6328 |

Crematorium

During the year 3044 cremations were carried out at the Southend-on-Sea Crematorium.

Children in Need

Joint Circular 31st July 1950.

Ministry of Health Circular 27/54 'Prevention of Break up of Families'.

The work of this Conference has shown very little change although our meetings have been as useful as ever.

The work of this Conference which takes place every week continues to show a trend towards child abuse in view of the development of a co-ordinated service in relation to battered babies.

During the year 71 families were considered by the Conference involving 168 agenda items.

Domiciliary Family Planning

At the beginning of the year Dr. Ware and a part-time S.R.N. started a domiciliary family planning service for mothers who needed help and could not, or would not, attend a family planning clinic. This service has made good progress, over 50 clients have received advice and are continuing treatment as required under the scheme. It is expected that this service will expand considerably.

Clinics

The Family Planning Association, in co-ordination with the Department, have continued to give help and advice at the clinics which are held each week at the three main centres in the Borough. Unfortunately, figures showing the attendances were not available in time to be included in this report.

PUBLIC HEALTH (AIRCRAFT) REGULATIONS 1966
ALIENS ORDER 1953
COMMONWEALTH IMMIGRANTS ACT 1962 AND 1969

AIRPORT

Medical Officers of the department have duties under the Public Health (Aircraft Regulation) Act to ensure that infectious disease is not disseminated by passengers, aircrew or aircraft. With ever increasing travel and speed of travel airports are likely sites for importation of infectious disease. An outbreak overseas may call for added vigilance, screening of passengers and arrangements for emergency vaccinations or immunisations at airports and follow-up of passengers and crews. The co-operation of immigration officers, customs and excise officers and airport staff is always forthcoming and greatly appreciated.

\ In 1973 cholera continued to be reported in West Africa and from time to time in East and Northern Africa. Three infected areas were reported in Italy during the tourist season which occasioned increased time involvement of staff.

The table at the end of the book relating to customs movements of aircraft and passengers does not include internal flights within the United Kingdom. There was an increase over the previous year, aircraft movements being 16,907 compared with 14,861 in the previous year. Passenger movements were 382,937 as compared with 315,804 in 1972.

The medical staff of the Health Department hold warrants as Medical Inspectors of Aliens and Commonwealth Immigrants, as do a panel of General Practitioners who normally carry out these duties, remunerated in accordance with a scale of fees when they are summoned to the airport, either by the immigration officers in respect of these statutory duties or by the airport control staff in respect of calls for medical aid in cases of accident or illness. Warrant holders made 57 attendances at the airport to examine 257 Commonwealth immigrants and 63 aliens.

MEDICAL REPORTS

Examinations

The number of examinations carried out was 353, a decrease on last years figure of 445.

Questionnaires

This year 1,040 questionnaires were scrutinised by the Medical Officers, 466 less than last year. Very few candidates were found to be medically unsuitable for the posts for which they applied. The questionnaire serves not only to protect the Local Authority, but also affords medical officers an opportunity to advise certain applicants as to more suitable occupations consistent with their physical or mental state. The number of special sick pay reports decreased from 80 to 38.

NURSING HOMES

| Homes on register at end of year. | Number of beds provided |
|-----------------------------------|-------------------------|
| Avenue | 13 |
| Aylward | 16 |
| Langley Lodge | 23 |
| Lulworth Court | 20 |
| Oak House | 16 |
| Trenow House | 16 |
| Two Ways | 7 |
| Maternity Homes - Nil | |
| | 111 |

ENVIRONMENTAL HEALTH SERVICES

Statistical Report 1973

Prevention of Damage by Pests Act, 1949

| | <u>Mice</u> | <u>Rats</u> | <u>Total</u> |
|--------------------------------------|-------------|-------------|--------------|
| Number of complaints received | 518 | 190 | 708 |
| Number of infestations found | 467 | 145 | 612 |
| Number of visits by Rodent Operative | 1897 | 708 | 2605 |

ENVIRONMENTAL HEALTH SERVICES

Statistical Report

Prevention of Damage by Pests Act, 1949

INSPECTIONS CARRIED OUT

Statutory Provisions

| | |
|---|-------|
| Agriculture, Safety Health & elfare | 3 |
| Animal Boarding Establishments | 1 |
| Baker & Flour Confectioners | 195 |
| Butchers | 467 |
| Cafes and Restaurants | 1,240 |
| Canteens: | |
| (a) Factory | 39 |
| (b) Schools | 231 |
| Caravan & Camping Sites | 30 |
| Clean Air Act, 1956: | |
| (a) Volumetric apparatus | 21 |
| (b) Ind. Plant & Chimney Heights | 34 |
| (c) Smoke observations | 160 |
| Confectioners | 196 |
| Dairies | 68 |
| Dirty & Verminous Premises | 53 |
| Entomology | 236 |
| Factories: | |
| (a) Power | 295 |
| (b) Non-power | 8 |
| (c) Outworkers | 6 |
| Fertilisers & Feeding Stuffs | 31 |
| Fishmongers | 105 |
| Food Complaints | 1,117 |
| Fried Fishmongers | 133 |
| Greengrocers | 328 |
| Grocers | 685 |
| Hotels & Boarding Houses | 198 |
| Houses in Multiple Occupation | 774 |
| Housing Survey | 21 |
| Ice Cream Manufacturers | 39 |
| Improvement Grants: | |
| (a) Discretionary | 650 |
| (b) Standard | 799 |
| Infectious Diseases | 740 |
| Kiosks | 160 |
| Licensed Premises | 380 |
| Markets - Food Stalls | 978 |
| Noise Abatement Act, 1960 | 481 |
| Nuisances - Public Health | 5,195 |
| Offices, Shops and Railway Premises Act, 1963: | |
| (a) Office | 605 |
| (b) Shop (Retail) | 1,534 |
| (c) Wholesale Dept. or Warehouse | 63 |
| (d) Catering Estab. open to Public | 166 |
| (e) Staff Canteens | 9 |
| (f) Fuel Storage Depot | 2 |
| Other Food Premises | 140 |
| Pet Animals Act, 1951 | 71 |
| Pharmacy & Poisons Act, 1933 | 4 |
| Qualification Certificates | 62 |
| Rag Flock and Other Filling Materials Act, 1951 | 9 |
| Riding Establishments Act, 1964 | 8 |
| Rodent Control | 2,724 |

| | | |
|----------------------------------|-----------------------|--------|
| Sampling: | | |
| | (a) Food and Drugs | 135 |
| | (b) Bacteriological | 265 |
| Schools - Sanitary Accommodation | | 25 |
| Shellfish | | |
| | (a) Sheds | 300 |
| | (b) Stalls | 8 |
| Supermarkets | | 482 |
| Swimming Pools | | 202 |
| Unfit Houses | | |
| | (a) Individual | 6 |
| | (b) Underground Rooms | 37 |
| | (c) Clearance Areas | 65 |
| Vehicles - Food Hawkers | | 158 |
| Water Sampling | | 192 |
| Miscellaneous | | 803 |
| | Total | 24,172 |

The total number of informal notices served in respect of the above

842

REGULATIONS AND LICENSING

Caravan Sites & Control of Development Act, 1960

Sites licensed 2

Diseases of Animals (Waste Food) Order, 1957

Premises licensed 1

Food & Drugs Act, 1955 Section 16

Registration for manufacture, storage or sale of
ice cream 566

Preparation or manufacture of sausages or potted
pressed, pickled or preserved food intended
for sale 348

Milk & Dairies (General) Regulations, 1959

Distributors of Milk 209

Dairies 2

Milk Store 1

Milk (Special Designation) Regulations, 1963-1965

Dealers Pasteurisers Licences 2

Pre-packed Milk Licences 209

Pet Animals Act, 1951

Premises registered 19

Pharmacy & Poisons Act, 1933

Persons registered 88

Rag Flock & Other Filling Materials Act, 1951

Premises registered 16

Riding Establishments Act, 1964

Premises registered 1

Southend-on-Sea Corporation Act, 1947 Section 148

Certificate of registration to sell, offer or expose
for sale food from a cart, barrow, or other vehicle
or from a basket, pail, tray or other receptacle 33

Southend-on-Sea Corporation Act, 1947 Section 149

Premises registered for sale of Shellfish 15

FOOD AND DRUGS

Samples submitted for chemical analysis

| | | | | |
|--|----------|-----|----------------|-----|
| General Samples | Informal | 351 | Unsatisfactory | 24 |
| | Formal | 8 | " | Nil |
| Specials (following food complaints) | | 39 | | |
| Shellfish | | 4 | | |

Samples submitted for bacteriological examination

| | | | |
|---------------------------|------|----------------|-----|
| Ice cream | 143 | Grade 1 | 115 |
| | | " 2 | 16 |
| | | " 3 | 4 |
| | | " 4 | 8 |
| Milk | | | |
| Methylene Blue Test | 106) | Unsatisfactory | 10 |
| |) | Void | 3 |
| Phosphatase Test | 106 | Satisfactory | |
| Shellfish | 296 | Grade 1 | 233 |
| | | " 2 | 28 |
| | | " 3 | 35 |
| Miscellaneous | 8 | | |

Food Inspection

| | | | |
|---|---------|-------|-------|
| Various foodstuffs surrendered as being unfit for human consumption | 18 tons | 4 cwt | 13 lb |
|---|---------|-------|-------|

Slaughter of Poultry Act, 1967

| | |
|---|--------|
| Number of poultry processing premises within the district | 2 |
| Number of birds killed | 43,475 |
| Number of birds condemned | 212 |
| Average weekly slaughter | 836 |

Other samples submitted for analysis

| | |
|---|----|
| Fertilisers & Feeding Stuffs | 10 |
| Rag Flock and Other Filling Materials | 3 |
| Soil & Sludge | 13 |

HOUSING ACT

| | |
|---|---|
| Applications received from owners or agents for Qualification Certificates | 4 |
|---|---|

| | |
|--|---|
| Qualification Certificates granted by the Local Authority after all the conditions had been satisfied | 6 |
|--|---|

| | |
|--|-----|
| Inspections carried out in respect of applications received for Standard Grants | 799 |
|--|-----|

| | |
|--|-----|
| Inspections carried out in respect of applications received from Discretionary Grants | 650 |
|--|-----|

Houses in Multiple Occupation

| | |
|---|-----|
| Number of houses in the Borough which are let as houses in multiple occupation to two or more families | 227 |
|---|-----|

| | |
|---|----|
| Number of houses subject to directions made under Section 19, Housing Act, 1961 which limit the number of persons who may be accommodated having regard to the amenities available | 55 |
|---|----|

FOOD HYGIENE (GENERAL) REGULATIONS 1960

Number of premises to which the Regulations apply:

| | |
|--------------------------------|-------|
| Bakers and Flour Confectioners | 84 |
| Butchers | 104 |
| Cafes | 292 |
| Canteens | 105 |
| Confectioners | 252 |
| Dairies | 4 |
| Fishmongers | 66 |
| Greengrocers | 129 |
| Grocers | 221 |
| Hotel & Boarding Houses | 272 |
| Ice Cream Manufacturers | 9 |
| Licensed Premises | 133 |
| Miscellaneous | 127 |
| | <hr/> |
| | 1,798 |

| | |
|------------------------------------|-----|
| Number of Food Complaints received | 195 |
| Prosecutions | 76 |

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

| | |
|---|-------|
| Number of Premises registered during the year | 281 |
| Number of premises registered at end of year | 1,884 |
| Number of visits | 2,379 |
| Notices served | 438 |
| Prosecutions | 1 |

CONTRAVENTIONS

Failure to comply with the above Act in respect of the following was brought to the notice of registered premises:

| | |
|---|-----------------|
| Cleanliness | 33 |
| Overcrowding | 2 |
| Temperature | 136 |
| Ventilation | 51 |
| Lighting | 34 |
| Sanitary Conveniences | 46 |
| Washing Facilities | 70 |
| Supply of Drinking Water | 14 |
| Clothing Accommodation | 9 |
| Sitting Facilities | 1 |
| Eating Facilities | 3 |
| Floors, Passage and Stairs | 84 |
| Fencing exposed parts of machinery | 4 |
| Protection of Young Persons from Dangerous Machinery | 7 |
| First Aid | 221 |
| Hoists and Lifts | 12 |
| Other Matters | 223 |
| | <hr/> 950 <hr/> |

ACCIDENTS

During the year 34 accidents were reported, none of which was fatal. The occurrence of these was as follows:

| | |
|-------------------------|----|
| Offices | 2 |
| Retail Shops | 24 |
| Catering Establishments | 8 |

FACTORIES ACT, 1961

Inspections

| | <u>Number on</u> <u>Register</u> | <u>Number of</u> <u>Inspections</u> | <u>Written</u> <u>Notices</u> |
|--|-------------------------------------|--|----------------------------------|
| (a) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by the Local Authority | 28 | 8 | 1 |
| (b) Factories not included in (a) to which Section 7 applies | 496 | 295 | 2 |
| (c) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) | 6 | - | - |

Cases in which defects were found.

| <u>Particulars</u> | <u>FOUND</u> | <u>REMEDIED</u> |
|--|--------------|-----------------|
| Want of cleanliness | - | - |
| Unreasonable temperature | - | - |
| Overcrowding | - | - |
| Inadequate ventilation | - | - |
| Lighting | - | - |
| Ineffective drainage of floors | - | - |
| Sanitary accommodation | | |
| (a) insufficient | 1 | 1 |
| (b) unsuitable or defective | 4 | 4 |
| (c) not separate for sexes | - | - |
| Other offences against the Act (not including offences relating to outwork) | - | - |
| | <u>5</u> | <u>5</u> |

No prosecutions were necessary

Outworkers

The Factories Act requires the names and addresses of all persons carrying on certain occupations in their own houses to be notified by the employers. Houses where work is carried on are inspected.

| <u>Nature of Work</u> | <u>Work-people</u> |
|-----------------------------------|--------------------|
| Wearing apparel | 44 |
| Plastic toys and fancy goods etc. | 22 |
| Cabinet-making | 6 |
| Brass work | 24 |
| Soft furnishings | 1 |
| | <u>97</u> |

STATISTICAL TABLES

Some of the figures on the following tables are
provisional and subject to confirmation

TABLE 1 - VITAL STATISTICS 1973

| | Totals | Rates per 1,000 pop. | Rates per cent of live births | Rates per 1,000 live births | Rates per 1,000 live belat- -ed births | Rates per 1,000 live total births | England and Wales (Provis.) |
|--|--------|-------------------------------|--|---|--|--|--------------------------------------|
| Live Births | 1,861 | 11.4 | | | | | |
| Males Females Illegitimate | | Figures not available | | | | | |
| Still Births | 19 | | | | | 12 | |
| Males Females | | Figures not available | | | | | |
| Total Live and Still Births | 1,880 | | | | | | |
| Males Females | | Figures not available | | | | | |
| Infant Deaths (under 1) | 22 | | | 11.8 | | | |
| Males 14 Females 8 | | | | | | | |
| Legitimate Illegitimate | | Figures not available | | | | | |
| Neo-natal deaths (under 4 weeks) | 18 | | | 9.06 | | | |
| Males 13 Females 5 | | | | | | | |
| Early neo-natal (under 1 week) | 16 | | | 8.5 | | | |
| Males 11 Females 5 | | | | | | | |
| Pre-natal mortality (Combined still births and deaths under 1 week) | 35 | | | | | 18.8 | |

POPULATION

Estimated Mid Year Population162,190

TABLE 2 - DEATHS CAUSED BY DISEASES OF THE RESPIRATORY SYSTEM

Figures not yet available

TABLE 3 - DEATHS CAUSED BY HEART DISEASE

Figures not yet available

TABLE 4

| Deaths | Totals | Rates per 1,000 Population | England Wales (Provisional) |
|---------------|---------------------------|----------------------------------|-----------------------------------|
| Total Males | Figures not yet available | | |
| Total Females | | | |
| All Deaths | | | |

TABLE 5 - DEATHS CAUSED BY VIOLENCE

Figures not yet available

Table 6

EXPENDITURE

Principal Expenditure - Year ended 31st March 1973

| | | £ |
|--------------------|---|---------|
| N.H.S.A. | Section 21 Health Centres | 61,702 |
| | 22 Care of Mothers and Young Children | 48,510 |
| | 23 Midwifery | 49,425 |
| | 24 Health Visiting | 67,727 |
| | 25 Home Nursing | 96,726 |
| | 26 Vaccinations and Immunisation | 12,576 |
| | 27 Ambulance Service | 107,719 |
| | 28 Prevention of Illness and After Care | 21,254 |
| | Other Health Services | 19,106 |
| | Income from these Services | 5,781 |
| PUBLIC HEALTH ACTS | | |
| | Public Health Inspection | 65,016 |
| | Disinfecting | 3,470 |
| | Mortuary | 2,462 |
| | Rodent Control | 1,978 |
| | Income from these Services | 596 |

Table 7

CHILD CLINIC ATTENDANCES

| | Southend | Southchurch | Leigh | Westcliff | Shoebury | Thorpedene | Kent Elms | Blenheim | Earls Hall | North Ave. | Total |
|---|----------|-------------|-------|-----------|----------|------------|-----------|----------|------------|------------|-------|
| No. of Sessions | 98 | 101 | 73 | 102 | 76 | 107 | 102 | 25 | 50 | 51 | 785 |
| No. attending Born 1973 | 103 | 185 | 148 | 260 | 135 | 139 | 281 | 30 | 93 | 63 | 1437 |
| Born 1972 | 132 | 172 | 149 | 256 | 129 | 127 | 210 | 22 | 104 | 91 | 1392 |
| Born 1968/71 | 75 | 63 | 87 | 121 | 43 | 51 | 108 | 23 | 21 | 18 | 610 |
| Total attendances 1973 | 878 | 1433 | 1074 | 2011 | 1610 | 1517 | 2005 | 162 | 853 | 737 | 12280 |
| Born 1972 | 674 | 1081 | 705 | 978 | 1187 | 878 | 1587 | 140 | 847 | 713 | 8788 |
| Born 1968/71 | 150 | 201 | 214 | 268 | 410 | 367 | 401 | 24 | 79 | 84 | 2198 |
| No. age 1-5 Routine Medical Inspections | 113 | 139 | 170 | 175 | 183 | 75 | 14 | 30 | 54 | 45 | 898 |

Table 8

WELFARE AND OTHER FOODS DISTRIBUTED

| Year | National Dried Milk Packets | Vitamins A C and D Packets | Children's Vitamin Drops Bottles |
|------|-----------------------------|----------------------------|----------------------------------|
| 1970 | 11,995 | 2,362 | -- |
| 1971 | 11,993 | 1,669 | 2,875 |
| 1972 | 11,064 | 1,293 | 4,887 |
| 1973 | 6,079 | 1,553 | 5,267 |

TABLE 9 - ANTE-NATAL CLINICS

| | M.H.C. | Leigh | Kent Elms | West- cliff | Thorpe- dene | Total |
|-----------------------------|--------|-------|--------------|----------------|-----------------|-------|
| No.of sessions | 154 | 28 | 51 | 102 | 49 | 384 |
| No.of individual mothers | 731 | 197 | 380 | 496 | 291 | 2,095 |
| Total attendances | 3,105 | 812 | 1,680 | 1,352 | 570 | 7,519 |

TABLE 10 - POST-NATAL CLINICS

| | M.H.C. | Leigh | Kent Elms | West- cliff | Thorpe- dene | Total |
|---|--------|-------|--------------|----------------|-----------------|-------|
| No.of sessions held | 103 | 28 | 51 | 102 | 49 | 333 |
| No.of individual expectant mothers who attended | 236 | 88 | 165 | 110 | 44 | 643 |
| Total attendances | 260 | 99 | 178 | 111 | 49 | 697 |

TABLE 11 - RELAXATION CLASSES

| | |
|--|-------|
| No. of sessions | 304 |
| No. of expectant mothers who attended..... | 636 |
| Total attendances | 3,836 |

TABLE 12 - ANTE-NATAL HAEMOGLOBIN ESTIMATES DURING 1973 - 1,212 TESTS

| | | | | | | |
|-------------------------------|-------------|-----------|-----------|-----------|------------|-------------|
| Haemoglobin Gms % | Under 7.5 | 7.5 - 8.1 | 8.2 - 8.9 | 9.0 - 9.6 | 9.7 - 10.4 | 10.5 - 11.2 |
| % Haemoglobin 14.8 Average | Under 51 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 |
| No.of tests | | 1 | 1 | 6 | 32 | 136 |
| % of each group | | 0.1 | 0.1 | 0.5 | 2.9 | 11.1 |

| | | | | | | |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Haemoglobin Gms % | 11.3 - 12.0 | 12.1 - 12.6 | 12.7 - 13.3 | 13.4 - 14.1 | 14.2 - 14.8 | 14.9+ |
| % Haemoglobin 14.8 Average | 76-80 | 81-85 | 86-90 | 91-95 | 96-100 | 100 |
| No.of tests | 337 | 300 | 268 | 110 | 17 | 4 |
| % of each group | 27.3 | 24.3 | 24.1 | 14.0 | 3.1 | 1.2 |

TABLE 13

| V.D.R.L. Tests | | Rhesus Factor Tests | | |
|----------------------|----------|----------------------|-------------|-------------|
| No. of tests made | Negative | No. of tests made | Rh.Positive | Rh.Negative |
| 1,236 | 1,236 | 1,236 | 1,030 | 206 |

Table 14

DEATHS UNDER 1 YEAR BY AGE GROUPS

| Age Groups | Male | Female | Total |
|---------------------------|------|--------|-------|
| Under 24 hours | 6 | 2 | 8 |
| 24 hours - 1 week | 5 | 3 | 8 |
| Total under 1 week | 11 | 5 | 16 |
| 1 - 2 weeks | 2 | 0 | 2 |
| 2 - 4 weeks | 0 | 0 | 0 |
| Total Neo-natal mortality | 13 | 5 | 18 |
| 1 - 3 months | 1 | 2 | 3 |
| 3 - 6 months | - | 1 | 1 |
| 6 - 9 months | - | - | - |
| 9 - 12 months | - | - | - |
| Total Infant Mortality | 14 | 8 | 22 |

Table 15

PERI-NATAL MORTALITY

| Year | No. of stillbirths | No. of infants dying aged up to and including seven days | Total | Total live and stillbirths | Rate per 1,000 live and stillbirths |
|------|--------------------|--|-------|----------------------------|-------------------------------------|
| 1973 | 19 | 15 | 34 | 1,880 | 18.0 |
| 1972 | 27 | 20 | 47 | 2,006 | 23.6 |
| 1971 | 31 | 24 | 55 | 2,050 | 26.8 |
| 1970 | 27 | 27 | 54 | 2,130 | 25.3 |
| 1969 | 26 | 20 | 46 | 2,167 | 21.0 |
| 1968 | 35 | 23 | 58 | 2,223 | 26.1 |
| 1967 | 28 | 30 | 58 | 2,302 | 25.2 |
| 1966 | 37 | 25 | 62 | 2,427 | 25.6 |
| 1965 | 42 | 31 | 73 | 2,463 | 29.6 |
| 1964 | 34 | 31 | 65 | 2,485 | 26.2 |

Table 16

PREMATURE BIRTHS

| Premature Live Births | | | | | | | | | | | |
|---------------------------------|-----------------------------------|------------------------------|--------------------------------|----------------------------------|--|------------------------------|--------------------------------|----------------------------------|---|------------------------------|---|
| Weight at Birth | Born at home or in a Nursing Home | | | | | | | | Premature Stillbirths | | |
| | Born in Hospital | | | | Nursed entirely at home or in a Nursing Home | | | | Transferred to Hospital on or before 28th day | | |
| | Total Births | Died within 24 hrs. of birth | Died in 1 day and under 7 days | Died in 7 days and under 28 days | Total Births | Died within 24 hrs. of birth | Died in 1 day and under 7 days | Died in 7 days and under 28 days | N I L | | |
| | | | | | | | | | Born in Hospital | Born at home or Nursing Home | |
| 2 lb. 3 oz. or less | 6 | 2 | 3 | - | - | - | - | - | | 4 | 1 |
| Over 2 lb. 3 oz. to 3 lb. 4 oz. | 6 | 1 | 1 | - | - | - | - | - | | 3 | - |
| Over 3 lb. 4 oz. to 4 lb. 6 oz. | 22 | 2 | 1 | - | - | - | - | - | | 1 | - |
| Over 4 lb 6 oz. to 4 lb 15 oz | 29 | - | - | - | - | - | - | - | | 4 | - |
| Over 4 lb 15 oz to 5 lb 8 oz. | 30 | 1 | 1 | - | 1 | - | - | - | | 6 | - |
| TOTAL | 93 | 6 | 6 | - | 1 | - | - | - | | 18 | 1 |

TABLE 17

Infant Deaths

| | |
|--|---|
| Prematurity | 9 |
| Prematurity + twin pregnancy | 2 |
| Prematurity + Rhesus incompatibility | 1 |
| Birth injury | 3 |
| Cot death | 2 |
| Congenital abnormalities | 4 |
| Respiration infection | 1 |

TABLE 18

Deaths of Children between ages 1 to 5 years

| | | |
|---------|---------|---|
| Male: | 1 year | Heart failure |
| | 3 years | (Hydrocephalis (Meningomyelocele |
| Female: | 2 years | Encephalitis |
| | 3 years | (Encephalitis (Severe Mental Retardation |

TABLE 19

Deaths of Children between ages 5 to 15 years

| | |
|---------|------------------------|
| Male: | Nil |
| Female: | 11 years Road accident |

TABLE 20 - CONGENITAL MALFORMATIONS

| Year | Notifications Received | Notifications Returned to G.R.O. | Rates per 1,000 births (live and still) |
|------|---------------------------|--|---|
| 1968 | 43 | 26 | 11.9 |
| 1969 | 37 | 26 | 12.0 |
| 1970 | 57 | 41 | 19.2 |
| 1971 | 52 | 33 | 16.1 |
| 1972 | 33 | 27 | 13.0 |
| 1973 | 49 | 30 | 16.0 (provisional) |

TABLE 21 - HEALTH VISITING

| Cases visited by Health Visitors | | No. of Cases |
|----------------------------------|---|-----------------|
| 1. | Total number of cases | 6,530 |
| 2. | Children born in 1973 | 2,209 |
| 3. | Children born between 1968-72 | 3,622 |
| 4. | Total number of children in lines 2 and 3 | 5,831 |
| 5. | Persons aged 65 or over | 131 |
| 6. | Number included in line 5 who were visited at the special request of a G.P. or Hospital | 83 |
| 7. | Mentally disordered persons | 36 |
| 8. | Number included in line 7 who were visited at the special request of a G.P. or Hospital | 13 |
| 9. | Number of tuberculosis households visited | 1 |
| 10. | Number of households visited on account of other infectious diseases | 26 |
| 11. | Other cases | 541 |
| 12. | Number of tuberculosis households visited by tuberculosis visitors | 98 |

TABLE 22 - HOME NURSING SERVICE

| Year | Age at time of first visit during the year | | | |
|------|--|----------------|---------|----------------|
| | Over 65 | | Under 5 | |
| | No. | Visits Paid | No | Visits Paid |
| 1969 | 2,981 | 76,571 | 18 | 178 |
| 1970 | 3,086 | 77,096 | 17 | 437 |
| 1971 | 3,152 | 83,132 | 34 | 439 |
| 1972 | 3,995 | 90,412 | 221 | 392 |
| 1973 | 4,359 | 88,165 | 193 | 238 |

TABLE 23 - MEDICAL COMFORTS 1973

| | |
|-----------------------------|-------------|
| No. of issues | 1029 |
| Total No. of articles | 1196 |
| <hr/> | |
| Bedpans | 194 |
| Plastic Sheets | 39 |
| Air Rings | 94 |
| Feeding Cups | 16 |
| Wheelchairs | 212 |
| Cradles | 117 |
| Bottles | 77 |
| Crutches | 61 |
| Commodes | 175 |
| Back Rests | 92 |
| Walking Aids | 83 |
| Walking Sticks | 36 |
| <hr/> | |
| Total | <u>1196</u> |

Table 24 - HOME NURSING

| Classification of Conditions Treated | Number of Patients Visited | | | |
|--|----------------------------|--------|--------|--------|
| | 1970 | 1971 | 1972 | 1973 |
| Accidents | 17 | 4 | 34 | 354 |
| Amputations | 4 | 6 | 6 | 31 |
| Blood Diseases | 546 | 408 | 462 | 588 |
| Bronchitis and Pleurisy | 355 | 340 | 330 | 342 |
| Burns and Scalds | 47 | 20 | 42 | 77 |
| Carbuncles, Boils and Abscesses | 23 | 13 | 13 | 56 |
| Cardiac and Circulatory Conditions | 561 | 417 | 493 | 510 |
| Cerebral Haemorrhage | 203 | 242 | 288 | 275 |
| Dental Conditions | - | 1 | 3 | - |
| Diabetes Mellitus | 71 | 69 | 97 | 95 |
| Ear, Nose and Throat Conditions | 46 | 28 | 414 | *515 |
| Enema (for treatment) | 368 | 304 | 295 | 400 |
| Enema (for investigation) | 522 | 500 | 370 | 312 |
| Eye Conditions | 15 | 17 | 51 | 35 |
| Fractures | 32 | 40 | 48 | 72 |
| Gangrene | 1 | 2 | 1 | - |
| Gastric Conditions | 5 | - | 2 | 12 |
| Gynaecological Conditions | 20 | 18 | 26 | 41 |
| Helminth Infections | - | - | - | - |
| Infectious Diseases | 1 | - | - | - |
| Influenza | 4 | 1 | 12 | 5 |
| Injections (for unclassified causes) | 48 | 68 | 887 | ø555 |
| Maternity | 5 | - | 1 | 6 |
| Miscarriage | 3 | 2 | 7 | - |
| Malignant Diseases | 214 | 200 | 269 | 248 |
| Nervous Diseases | 37 | 27 | 50 | 180 |
| Operations | 6 | 5 | 40 | - |
| Paralysis (other than strokes) | 11 | 5 | 10 | 31 |
| Pneumonia | 24 | 25 | 40 | 28 |
| Prostatic Conditions | 27 | 19 | 56 | 83 |
| Pyrexia of Unknown Origin | 1 | 1 | 1 | - |
| Rheumatic Diseases | 116 | 254 | 271 | 274 |
| Senility | 264 | 246 | 269 | 350 |
| Skin Conditions | 44 | 20 | 11 | 86 |
| Surgical Dressings | 592 | 772 | 1783 | 1922 |
| Tuberculosis | 29 | 29 | 21 | 7 |
| Urinary and Renal Conditions | 139 | 92 | 79 | 88 |
| Ulceration of Legs | 238 | 225 | 328 | 409 |
| Not classified | 3 | - | 44 | 28 |
| Total Patients: | 4562 | 4420 | 7154 | 8015 |
| Total Visits: | 110679 | 118513 | 134167 | 133986 |
| Total of whole-time and equivalent whole-time staff at end of year | 31 | 33 | 32 | 48 |

* ... Ear Syringing

ø ... 'Flu Injections

TABLE 25 --

Smallpox Vaccination - aged under 15 (In July, 1971 the Ministry recommended against this vaccination as a routine procedure in early childhood)

At Council's Clinics

Primary145
Re-Vaccination... 47

By Private Practitioners

Primary 246
Re-Vaccination 644

TABLE 26

Diphtheria, Whooping Cough, Tetanus, Poliomyelitis, Measles and Rubella

| | Diphtheria | Whooping Cough | Tetanus | Poliomyelitis | Measles | Rubella (German Measels) |
|-----------------------------|------------|----------------|---------|---------------|---------|-----------------------------|
| Completed Primary Courses | | | | | | |
| 1) At Council's Clinics | | | | | | |
| Children under 4 | 703 | 682 | 705 | 780 | 328 | 13 |
| Children 4-16 | 72 | 10 | 169 | 103 | 27 | - |
| Totals | 775 | 692 | 874 | 883 | 355 | 13 |
| 2) By Private Practitioners | | | | | | |
| Children under 4 | 913 | 847 | 918 | 851 | 599 | - |
| Children 4-16 | 50 | 14 | 294 | 57 | 87 | 48 |
| Totals | 963 | 861 | 1,212 | 908 | 686 | 48 |
| Reinforcing Doses | | | | | | |
| 1) At Council's Clinics | | | | | | |
| Children under 4 | 5 | - | 5 | 7 | | |
| Children 4-16 | 910 | - | 934 | 923 | | |
| Totals | 915 | - | 939 | 930 | | |
| 2. By Private Practitioners | | | | | | |
| Children under 4 | 69 | 36 | 79 | 42 | | |
| Children 4-14 | 763 | 119 | 1,088 | 825 | | |
| Totals | 832 | 155 | 1,167 | 867 | | |

TABLE 27

| | | | |
|---------------------------|-------|--------------|-----|
| Cholera | 8 | Tetanus | 6 |
| Typhoid | 20 | Yellow Fever | 536 |
| Cholera/Typhoid | 728 | | |
| Smallpox (Adults only) | 1,253 | | |

TABLE 28

AMBULANCE SERVICE

| | Mileage | | Patients Carried | | Miles per Patient | |
|---------------------------------|---------|---------|------------------|---------|-------------------|-------|
| | 1973 | 1972 | 1973 | 1972 | 1973 | 1972 |
| St. John Ambulance Brigade | 125,889 | 123,379 | 17,708 | 17,596 | 7.11 | 7.01 |
| Corporation Lift Ambulances (2) | 25,654 | 25,994 | 14,950 | 15,063 | 1.72 | 1.73 |
| Hospital Car Service | 248,795 | 239,689 | 46,098 | 43,652 | 5.40 | 5.49 |
| Corporation Car Pool | 120,845 | 133,659 | 25,144 | 24,445 | 4.81 | 5.47 |
| Private Hire Cars | 4,505 | - | 351 | - | 12.83 | - |
| | 525,688 | 522,721 | 104,251 | 100,756 | 5.04 | 5.19 |
| Transport by Rail | 39.003 | 35,432 | 939 | 905 | 41.54 | 39.15 |

TABLE 29

Proportionate comparisons 1973, 1972 and 1963

| | Miles | | | Patients | | |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 1973 % | 1972 % | 1963 % | 1973 % | 1972 % | 1963 % |
| St. John Ambulance Brigade | 24 | 24 | 27 | 17 | 18 | 19 |
| Corporation Lift Ambulance | 5 | 5 | 6 | 14 | 15 | 16 |
| Hospital Car Service | 47 | 46 | 60 | 44 | 43 | 59 |
| Corporation Car Pool | 23 | 25 | 7 | 24 | 24 | 6 |
| Private Hire Cars | 1 | - | - | 1 | - | - |

TABLE 30A

Analysis of Journeys - All Services

| | Patients Carried | | Increase | Decrease |
|--|------------------|---------|----------|----------|
| | 1973 | 1972 | | |
| London Hospitals | 449 | 400 | 49 | - |
| Limb Fitting Centre, Roehampton | 92 | 164 | - | 72 |
| Limb Fitting Centre, Gillingham | 544 | 492 | 52 | - |
| Limb Fitting Centre, Cambridge | 300 | 206 | 94 | - |
| Runwell Hospital | 13,515 | 11,720 | 1,795 | - |
| Rochford General Hospital | 19,676 | 20,025 | - | 349 |
| Other Hospitals outside the Borough | 205 | 123 | 82 | - |
| Convalescent Homes outside the Borough | 63 | 94 | - | 31 |
| Misc. transfers outside the Borough | 113 | 114 | - | 1 |
| Southend General Hospital | 64,914 | 62,958 | 1,956 | - |
| Westcliff Hospital | 144 | 200 | - | 56 |
| Local Railway Stations | 938 | 924 | 14 | - |
| Misc. Local Journeys | 3,298 | 3,336 | - | 38 |
| | 104,251 | 100,756 | 3,495 | |

TABLE 30B

Analysis of Journeys - St. John Ambulance Brigade

| | Patients Carried | | Increase | Decrease |
|--|------------------|--------|----------|----------|
| | 1973 | 1972 | | |
| London Hospitals | 109 | 114 | - | 5 |
| Limb Fitting Centre, Roehampton | - | 10 | - | 10 |
| Limb Fitting Centre, Gillingham | 18 | 12 | 6 | - |
| Limb Fitting Centre, Cambridge | 30 | 12 | 18 | - |
| Runwell Hospital | 124 | 121 | 3 | - |
| Rochford Hospital | 4,598 | 4,814 | - | 216 |
| Other Hospitals outside the Borough | 22 | 9 | 13 | - |
| Misc. transfers outside the Borough | 40 | 30 | 10 | - |
| Convalescent Homes outside the Borough | - | 3 | - | 3 |
| Southend General Hospital | 9,236 | 8,844 | 392 | - |
| Westcliff Hospital | 144 | 200 | - | 56 |
| Local Railway Stations | 196 | 152 | 44 | - |
| Misc. Local Journeys | 3,191 | 3,275 | - | 84 |
| | 17,708 | 17,596 | 112 | |

TABLE 30C

Analysis of Journeys - Hospital Car Service

| | Patients Carried | | Increase | Decrease |
|---|------------------|--------|----------|----------|
| | 1973 | 1972 | | |
| London Hospitals | 283 | 273 | 10 | - |
| Limb Fitting Centre, Roehampton | 90 | 154 | - | 64 |
| Limb Fitting Centre, Gillingham | 478 | 434 | 44 | - |
| Limb Fitting Centre, Cambridge | 250 | 174 | 76 | - |
| Runwell Hospital | 871 | 547 | 324 | - |
| Rochford General Hospital | 2,737 | 2,241 | 496 | - |
| Other Hospitals outside the Borough | 178 | 104 | 74 | - |
| Miscellaneous transfers outside the Borough | 48 | 70 | - | 22 |
| Convalescent Homes outside the Borough | 63 | 91 | - | 28 |
| Southend General Hospital | 40,324 | 38,791 | 1,533 | - |
| Local Railway Stations | 687 | 720 | - | 33 |
| Miscellaneous Local Journeys | 89 | 53 | 36 | - |
| | 46,098 | 43,652 | 2,446 | |

TABLE 30D

Analysis of Journeys - Corporation Car Pool

| | Patients Carried | | Increase | Decrease |
|---|------------------|--------|----------|----------|
| | 1973 | 1972 | | |
| London Hospitals | 23 | 13 | 10 | - |
| Runwell Hospital | 12,497 | 11,052 | 1,445 | - |
| Rochford General Hospital | 12,293 | 12,966 | - | 673 |
| Other Hospitals outside the Borough | 4 | 9 | - | 5 |
| Miscellaneous transfers outside the Borough | 12 | 10 | 2 | - |
| Southend General Hospital | 290 | 364 | - | 74 |
| Local Railway Stations | 10 | 23 | - | 13 |
| Miscellaneous Local Journeys | 15 | 8 | 7 | - |
| | 25,144 | 24,445 | 699 | - |

TABLE 30E

Analysis of Journeys - Corporation Lift Ambulances

| | Patients Carried | | Increase | Decrease |
|---|------------------|--------|----------|----------|
| | 1973 | 1972 | | |
| Limb Fitting Centre, Gillingham | 44 | 46 | - | 2 |
| Limb Citting Centre, Cambridge | 20 | 20 | - | - |
| Nuffield Orthopaedic Centre, Headington | - | 1 | - | 1 |
| Miscellaneous transfers outside the Borough | 1 | 4 | - | 3 |
| Rockford General Hospital | 7 | 4 | 3 | - |
| Southend General Hospital | 14,852 | 14,959 | - | 107 |
| Local Railway Stations | 26 | 29 | - | 3 |
| | 14,950 | 15,063 | - | 113 |

TABLE 30F

Analysis of Journeys - Private Hire Cars

| | Patients Carried | | Increase | Decrease |
|---|------------------|------|----------|----------|
| | 1973 | 1972 | | |
| London Hospitals | 34 | - | - | - |
| Limb Fitting Centre, Roehampton | 2 | - | - | - |
| Limb Fitting Centre, Gillingham | 4 | - | - | - |
| Runwell Hospital | 23 | - | - | - |
| Rochford General Hospital | 41 | - | - | - |
| Other Hospitals outside the Borough | 1 | - | - | - |
| Miscellaneous transfers outside the Borough | 12 | - | - | - |
| Southend General Hospital | 212 | - | - | - |
| Local Railway Stations | 19 | - | - | - |
| Miscellaneous Local Journeys | 3 | - | - | - |
| | 351 | - | - | - |

1973 was the first year this service has been used

TABLE 30G

Analysis of Rail Journeys

| | Patients Carried | | Increase | Decrease |
|--|------------------|------|----------|----------|
| | 1973 | 1972 | | |
| <u>London Hospitals</u> | | | | |
| Brompton Hospital, S.W.3. | 11 | 18 | - | 7 |
| Charling Cross, S.W.3. | 13 | 8 | 5 | - |
| Guys, S.E.1 | 10 | 22 | - | 12 |
| Hammersmith, W.12 | 18 | 41 | - | 23 |
| Hospital for Sick Children, W.C.1 | 80 | 75 | 5 | - |
| Limb Fitting Centre, Roehampton, S.W.15 | 48 | 52 | - | 4 |
| London, E.1 | 73 | 77 | - | 4 |
| London Chest, E.2 | 109 | 51 | 58 | - |
| Middlesex, W.1 | 15 | 28 | - | 13 |
| Moorfields, E.C.1. | 114 | 102 | 12 | - |
| Moorfields, W.C.1 | 30 | 55 | - | 25 |
| National, W.C.1 | 30 | 18 | 12 | - |
| Royal National Orthopaedic, W.1 | 43 | 90 | - | 47 |
| St. Bartholomew's, E.C.1 | 134 | 129 | 5 | - |
| St. Mary's, W.2 and W.9 | 15 | 10 | 5 | - |
| St. Thomas's, S.E.1 | 18 | 5 | 13 | - |
| University College, W.C.1 | 15 | - | 15 | - |
| Westminster, S.W.1 | 5 | 12 | - | 7 |
| Westminster Childrens, S.W.1 | 6 | 12 | - | 6 |
| West End, W.1 | - | 6 | - | 6 |
| Other London Hospitals | 105 | 45 | 60 | - |
| <u>Other Hospitals</u> | | | | |
| Heatherwood, Ascot | - | 2 | - | 2 |
| St. John's, Droitwich | - | 1 | - | 1 |
| Western General, Edinburgh | 12 | 2 | 10 | - |
| Miscellaneous transfers and discharges to addresses outside the County Borough | 35 | 44 | - | 9 |
| | 939 | 905 | 34 | |

TABLE 31

Tuberculin Skin Testing and B.C.G. Vaccination

| Acceptance Rate % | Percentage Previously Vaccinated | Natural Positive Rate % |
|----------------------|--|-------------------------------|
| 94.2 (95.3) | 8.72 (7.84) | 1.37 (1.78) |

The Figures in brackets are those for the previous year.

TABLE 32

Heaf Reactions of Unvaccinated Secondary School Pupils

| Grade of Reaction to Heaf Test | | | | |
|--------------------------------|-------|-------|-------|--------|
| 1 | 2 | 3 | 4 | Total |
| 11 (8) | 3 (-) | - (1) | 1 (-) | 15 (9) |

The Figures in brackets are those for the previous year.

TABLE 33

Summary - All Schools

| Total No. | Third Yr. Pupils | Private Schools | Total |
|------------------------------------|---------------------|--------------------|-------|
| Invited | 3,199 | 58 | 3,257 |
| Consented | 3,013 | 58 | 3,071 |
| Tested | 2,749 | 58 | 2,807 |
| Negative | 2,500 | 55 | 2,555 |
| Natural Positive (Grade I) | 11 | - | 11 |
| Natural Positive (Other Grades) | 4 | - | 4 |
| Prior Vaccination | 123 | 3 | 126 |
| B.C.G. given | 2,399 | 51 | 2,450 |

TABLE 34

TOTAL NUMBER OF INFECTIOUS DISEASESNotified in 1973

| DISEASE | March | June | Sept. | Dec. | TOTAL |
|------------------------|-------|------|-------|------|-------|
| Measles | 267 | 276 | 101 | 123 | 767 |
| Dysentery | 0 | 0 | 0 | 0 | 0 |
| Scarlet Fever | 18 | 13 | 2 | 8 | 41 |
| Acute Meningitis | 5 | 5 | 0 | 0 | 10 |
| Ophthalmia Neo-natorum | 0 | 2 | 0 | 0 | 2 |
| Malaria | 0 | 0 | 0 | 0 | 0 |
| Paratyphoid Fever | 0 | 0 | 0 | 0 | 0 |
| Food Poisoning | 12 | 7 | 18 | 9 | 46 |
| Infective Jaundice | 13 | 11 | 8 | 6 | 38 |
| Resp. Tuberculosis | 2 | 4 | 4 | 5 | 15 |
| Meninges & CNS | 0 | 0 | 4 | 4 | 8 |
| T.B. 'Other' | 0 | 0 | 1 | 2 | 3 |
| Whooping Cough | 2 | 0 | 1 | 4 | 7 |
| | 319 | 318 | 139 | 161 | 937 |

TABLE 35

Tuberculosis Notifications and Deaths

| Age Group | Males | | | | | | | | Females | | | | | | | |
|-----------|-----------------------|------------------|-------|--------|-----------------------|------------------|-------|--------|-----------------------|------------------|-------|--------|-----------------------|------------------|-------|--------|
| | Respiratory | | | | Non-Respiratory | | | | Respiratory | | | | Non-Respiratory | | | |
| | Primary Notifications | Inward Transfers | Total | Deaths | Primary Notifications | Inward Transfers | Total | Deaths | Primary Notifications | Inward Transfers | Total | Deaths | Primary Notifications | Inward Transfers | Total | Deaths |
| 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - | - | - | - | - |
| 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 35 | - | - | - | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - |
| 45 | 3 | - | 3 | 1+ | 1 | - | 1 | - | - | - | - | - | - | - | - | - |
| 55 | 2 | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 65 | 3* | - | 3* | 2+ | - | - | - | - | 1 | - | 1 | 1+ | - | - | - | - |
| 75 | 2 | - | 2 | - | - | - | - | - | - | 1 | 1 | - | 1 | - | 1 | - |
| Totals | 10* | 1 | 11* | 3+ | 3 | - | 3 | - | 2 | 2 | 4 | 1+ | 1 | - | 1 | - |

* Includes 1 posthumus notification
+ Provisional figures

TABLE 36

Respiratory Tuberculosis

Primary Notifications Classified According to Age Groups

| Age Groups | 1968 | | 1969 | | 1970 | | 1971 | | 1972 | | 1973 | |
|------------|------|----|------|---|------|----|------|---|------|---|------|---|
| | M | F | M | F | M | F | M | F | M | F | M | F |
| 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1 | - | 1 | - | - | - | 2 | 1 | - | - | 1 | - | - |
| 5 | 2 | 2 | 3 | - | 5 | 4 | 2 | 1 | 2 | 1 | - | - |
| 15 | - | 1 | 2 | 3 | 1 | 2 | 2 | 2 | 1 | 1 | - | 1 |
| 25 | - | 1 | 2 | 1 | 2 | 3 | - | 2 | - | 2 | - | - |
| 35 | 1 | 1 | 4 | 2 | 1 | 1 | 3 | - | 1 | - | - | - |
| 45 | 4 | - | 1 | 1 | 2 | 5 | 4 | - | 3 | - | 3 | - |
| 55 | 1 | - | 1 | - | 4 | - | 1 | 1 | 3 | - | 2 | - |
| 65 | 2 | 3 | 5 | 1 | 1 | 1 | 3 | 1 | 4 | - | 3 | 1 |
| 75 | 3 | 4 | 2 | - | 1 | 1 | - | - | - | 2 | 2 | - |
| Totals | 13 | 13 | 20 | 8 | 17 | 19 | 16 | 7 | 14 | 7 | 10 | 2 |
| | 26 | | 28 | | 36 | | 23 | | 21 | | 12 | |

TABLE 37

Work of the Chest Clinic

| | Respiratory | | | | Non-Respiratory | | | | Totals | | | | Grand Tot- als |
|---|-------------|-----|---------------|----|-----------------|----|---------------|---|--------|-----|---------------|----|-------------------|
| | Adults | | Chil- dren | | Adults | | Chil- dren | | Adults | | Chil- dren | | |
| | M | F | M | F | M | F | M | F | M | F | M | F | |
| No. of notified cases on clinic register at 1st January. | 308 | 213 | 7 | 18 | 15 | 50 | 5 | 1 | 323 | 263 | 12 | 19 | 617 |
| Transfers from clinics outside area during yr. | 1 | 2 | - | - | - | - | - | - | 1 | 2 | - | - | 3 |
| Children transferred to adult register | 5 | 1 | - | - | - | - | - | - | 5 | 1 | - | - | 6 |
| No. of new cases diagnosed during year: | | | | | | | | | | | | | |
| T.B. negative | - | - | - | - | - | 1 | - | - | - | 1 | - | - | 1 |
| T.B. positive | 10 | 2 | - | - | 3 | - | - | - | 13 | 2 | - | - | 15 |
| Totals | 324 | 218 | 7 | 18 | 18 | 51 | 5 | 1 | 342 | 269 | 12 | 19 | 642 |
| No. of cases written off clinic register during the year: | | | | | | | | | | | | | |
| Recovered | 61 | 31 | 1 | - | 5 | 10 | - | - | 66 | 41 | 1 | - | 108 |
| Died (all causes) | 9 | 2 | - | - | - | - | - | - | 9 | 2 | - | - | 11 |
| Removed to other clinic areas | 4 | 3 | - | - | 1 | - | - | - | 5 | 3 | - | - | 8 |
| Children transferred to adult register | - | - | 5 | 1 | - | - | - | - | - | - | 5 | 1 | 6 |
| Other reasons | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Totals | 74 | 36 | 1 | - | 6 | 10 | - | - | 80 | 46 | 1 | - | 127 |

cont ...

TABLE 37 (continued)

Work of the Chest Clinic

| | Respiratory | | | | Non-Respiratory | | | | Totals | | | | Grand Tot- als |
|--|-------------|-----|---------------|----|-----------------|----|---------------|---|--------|-----|---------------|-----|-------------------|
| | Adults | | Chil- dren | | Adults | | Chil- dren | | Adults | | Chil- dren | | |
| | M | F | M | F | M | F | M | F | M | F | M | F | |
| No. of notified cases on clinic Register at 31st December | 250 | 182 | 1 | 17 | 12 | 41 | 5 | 1 | 262 | 223 | 6 | 18 | 509 |
| No. of above known to have had positive sputum during year | - | - | - | - | - | - | - | - | 16 | 4 | - | - | 20 |
| No. of persons (excluding transfers) first examined during the year | - | - | - | - | - | - | - | - | 972 | 966 | 87 | 112 | 2137 |
| No. of those who attended as contacts and who were diagnosed as: Tuberculous | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Not tuberculous | - | - | - | - | - | - | - | - | 42 | 55 | 49 | 55 | 201 |
| Not determined as at 31st December | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE 38

Cases on Register at 31st December

| Year | Respiratory | | | | Non-Respiratory | | | | Totals | | | | Grand Totals |
|------|-------------|-----|--------|----|-----------------|----|--------|---|--------|-----|--------|----|--------------|
| | Adults | | Chd'n. | | Adults | | Chd'n. | | Adults | | Chd'n. | | |
| | M | F | M | F | M | F | M | F | M | F | M | F | |
| 1973 | 250 | 182 | 1 | 17 | 12 | 41 | 5 | 1 | 262 | 223 | 6 | 18 | 509 |
| 1972 | 308 | 213 | 7 | 18 | 15 | 50 | 5 | 1 | 323 | 263 | 12 | 19 | 617 |
| 1971 | 353 | 244 | 8 | 18 | 19 | 53 | 5 | 1 | 372 | 297 | 13 | 19 | 701 |
| 1970 | 354 | 240 | 8 | 19 | 16 | 53 | 5 | 1 | 370 | 293 | 13 | 20 | 696 |
| 1969 | 355 | 229 | 6 | 19 | 15 | 52 | 5 | 1 | 370 | 281 | 11 | 20 | 682 |
| 1968 | 367 | 246 | 8 | 18 | 14 | 50 | 5 | 1 | 381 | 296 | 13 | 19 | 709 |
| 1967 | 386 | 253 | 8 | 21 | 13 | 52 | 6 | 1 | 399 | 305 | 14 | 22 | 740 |
| 1966 | 400 | 280 | 5 | 20 | 9 | 54 | 5 | - | 409 | 334 | 10 | 21 | 774 |
| 1965 | 403 | 278 | 5 | 17 | 7 | 51 | 5 | - | 410 | 329 | 10 | 17 | 776 |
| 1964 | 396 | 283 | 6 | 21 | 6 | 51 | 6 | - | 402 | 334 | 12 | 21 | 769 |

TABLE 39

Customs Movements of Passengers and Aircraft 1973

| Month | Movements | | Passengers | |
|-----------|-----------|-------|------------|---------|
| | In | Out | In | Out |
| January | 411 | 391 | 5,991 | 5,829 |
| February | 372 | 363 | 5,329 | 5,584 |
| March | 541 | 520 | 9,299 | 9,060 |
| April | 851 | 837 | 24,474 | 24,765 |
| May | 874 | 851 | 18,980 | 22,037 |
| June | 924 | 874 | 20,677 | 20,774 |
| July | 986 | 964 | 22,471 | 25,931 |
| August | 991 | 978 | 26,457 | 26,019 |
| September | 927 | 906 | 23,419 | 21,407 |
| October | 753 | 727 | 15,161 | 13,688 |
| November | 496 | 504 | 8,536 | 8,347 |
| December | 436 | 430 | 9,045 | 9,657 |
| | 8,562 | 8,345 | 189,839 | 193,098 |

TABLE 40

MEDICAL REPORTS

| Department | Statement of Health | Medical Examination | Sick Pay |
|-------------------------|------------------------|------------------------|----------|
| Airport | 2 | 2 | - |
| Architects | 7 | 1 | - |
| Cemeteries | 3 | - | - |
| Education T.T.C. | - | 140 | - |
| Education | 412 | 64 | 5 |
| Engineers | 77 | 17 | 17 |
| Fire | 12 | 6 | - |
| Health | 40 | 15 | - |
| Housing | - | - | - |
| Justices Clerk | 5 | 2 | - |
| Libraries | 18 | - | 1 |
| Police | - | - | - |
| Public Amenities | 118 | 19 | 8 |
| Social Services | 182 | 31 | 1 |
| Town Clerks | 15 | 2 | 2 |
| Transport | 104 | 49 | 5 |
| Treasurers | 38 | 5 | - |
| Weights and Measures | 7 | 1 | - |
| Total: | 1,040 | 353 | 38 |

INDEX

A

| | | | |
|-------------------|-----|-----|------------|
| Ambulance | ... | ... | 27, 63 |
| Ambulance Service | ... | ... | 18, 53-57 |
| Ante-Natal Care | ... | ... | 10, 43, 44 |

B

| | | | |
|--------------------|-----|-----|------------|
| B.C.G. Vaccination | ... | ... | 20, 58 |
| Blood Examinations | ... | ... | 11, 14, 44 |

C

| | | | |
|---------------------------------------|-----|-----|--------------|
| Care of Mothers and Young Children | ... | ... | 8, 9, 10, 11 |
| Cervical Cytology | ... | ... | 21 |
| Chest Clinic | ... | ... | 25, 61, 63 |
| Children in need | ... | ... | 25 |
| Chiropody | ... | ... | 20 |
| Clinics | ... | ... | 9, 10, 42 |
| Congenital Malformations | ... | ... | 11, 47 |
| Crematorium | ... | ... | 25 |

D

| | | | |
|----------------|-----|-----|----------------|
| Deaths | ... | ... | 11, 40, 45, 47 |
| Dental Service | ... | ... | 12 |

E

| | | | |
|----------------------|-----|-----|--------|
| Environmental Health | ... | ... | 29-37 |
| Executive Council | ... | ... | 22, 23 |
| Expenditure | ... | ... | 41 |

F

| | | | |
|-----------------|-----|-----|----|
| Factories | ... | ... | 37 |
| Family Planning | ... | ... | 26 |
| Food and Drugs | ... | ... | 33 |

G

| | | | |
|-------------------------|-----|-----|----|
| General Dental Service | ... | ... | 23 |
| General Medical Service | ... | ... | 22 |

H

| | | | |
|--|-----|-----|----------------|
| Health Centres | ... | ... | 6 |
| Health Visiting | ... | ... | 14, 43, 48 |
| Home Nursing | ... | ... | 15, 16, 48, 50 |
| Housing | ... | ... | 34 |
| Hospital Maternity Services Liaison Committee | ... | ... | 11 |

I

| | | | |
|------------------------------|-----|-----|------------|
| Immigrants | ... | ... | 27 |
| Immunisation and Vaccination | ... | ... | 18, 51, 52 |
| Infant Mortality | ... | ... | 11 |
| Infectious Diseases | ... | ... | 23, 59, 60 |

J

| | | | |
|---|-----|-----|---|
| - | ... | ... | - |
|---|-----|-----|---|

K

| | | | |
|---|-----|-----|---|
| - | ... | ... | - |
|---|-----|-----|---|

M

| | | | |
|--------------------|-----|-----|--------|
| Maternal Mortality | ... | ... | 11 |
| Medical Comforts | ... | ... | 49 |
| Medical Reports | ... | ... | 28, 64 |
| Meteorology | ... | ... | 6 |
| Midwifery | ... | ... | 14 |

N

| | | | |
|---------------|-----|-----|--------|
| Nursing Homes | ... | ... | 28, 41 |
|---------------|-----|-----|--------|

O

| | | | |
|--|-----|-----|----|
| Offices, Shops and Railway Premises Act, 1963 | ... | ... | 36 |
| Ophthalmic Services | ... | ... | 23 |

P

| | | | |
|---|-----|-----|--------|
| Peri-Natal Mortality | ... | ... | 45 |
| Pharmaceutical Services | ... | ... | 22 |
| Population | ... | ... | 40 |
| Post-Natal clinics | ... | ... | 11, 43 |
| Premature Infants | ... | ... | 46 |
| Prevention of Illness, Care and After Care | ... | ... | 18, 58 |
| Public Health Inspectors, Work of | ... | ... | 29-37 |

R

| | | | |
|--------------------|-----|-----|--------|
| Relaxation Classes | ... | ... | 10, 44 |
|--------------------|-----|-----|--------|

S

| | | | |
|-------------|-----|-----|------|
| Staff | ... | ... | 4, 5 |
| Stillbirths | ... | ... | 11 |

| | | | | |
|--------------|-----|-----|----------------|--|
| | | T | | |
| Tuberculosis | ... | ... | 19, 58, 60, 61 | |

| | | | | |
|---|-----|-----|---|--|
| | | U | | |
| - | ... | ... | - | |

| | | | | |
|------------------------------|-----|-----|------------|--|
| | | V | | |
| Vaccination and Immunisation | | ... | 18, 51, 52 | |
| Venereal Diseases | ... | ... | 25 | |
| Vital Statistics | ... | ... | 39, 40 | |

| | | | | |
|---------------|-----|-----|----|--|
| | | W | | |
| Welfare Foods | ... | ... | 42 | |

| | | | | |
|---|-----|-----|---|--|
| | | X | | |
| - | ... | ... | - | |

| | | | | |
|---|-----|-----|---|--|
| | | Y | | |
| - | ... | ... | - | |

| | | | | |
|---|-----|-----|---|--|
| | | Z | | |
| - | ... | ... | - | |

